



MONTHLY NOTICES

OF THE

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No. I

Dr. J. W. L. GLAISHER, M.A., F.R.S., PRESIDENT, in the Chair.

Francis Kennedy McClean, Rusthall House, Tunbridge Wells ;
and

Rev. Edwin Albert Phillips, B.A., Lecturer on Mathematics,
Training College, Exeter,

were balloted for and duly elected Fellows of the Society.

The following Candidates were proposed for election as Fellows of the Society, the names of the proposers from personal knowledge being appended :—

Henry Bourget, D. ès Sc., Maître de Conférences à l'Université de Toulouse et Astronome-adjoint à l'Observatoire de Toulouse (proposed by H. Deslandres) ;

Major John Cassells, V.D., J.P., 154 Queen's Drive, Crosshill, Glasgow (proposed by John Dansken) ;

Patrick Sinclair Hardie, M.A., B.Sc., Mathematical Master, 305 Onslow Drive, Dennistoun, Glasgow (proposed by J. McCarthy) ; and

Richard Kerr, F.G.S., Lecturer on Astronomy, Experimental Physics, &c., 13 Ormiston Road, Greenwich, S.E. (proposed by E. W. Maunder).

B

One hundred and sixty-four presents were announced as having been received since the last meeting, including amongst others :—

T. W. Backhouse, publications of West Hendon House Observatory, No. 2, presented by Mr. Backhouse ; F. H. Bigelow, Eclipse Meteorology and allied problems, presented by the author ; J. Bossert, Détermination des mouvements propres des étoiles, &c. [4 memoirs], presented by the author ; Breslau, Universitäts-Sternwarte, Festschrift zum 90 Geburtstag des Herrn Prof. J. G. Galle, presented by the Observatory ; Cape of Good Hope, Geodetic Survey, vol. 2, Report on re-discussion of Bailey's and Fourcade's surveys, &c. by Sir D. Gill, presented by the Observatory ; Agnes M. Clerke, History of Astronomy during the 19th century, 4th edition, presented by A. & C. Black ; B. Hasselberg, Spectra der Metalle, VI., Molybdän, presented by the author ; E. W. Maunder, Astronomy without a telescope, presented by Witherby & Co. ; Oxford University Observatory, Miscellaneous papers, 1899–1900, presented by the Observatory ; South Kensington, Solar Physics Observatory, The Sun's spotted area, 1832–1900, presented by the Observatory ; S. Tromholt, Catalog der in Norwegen beobachteten Nordlichter, presented by the Christiania Society of Sciences ; C. A. Young, Manual of Astronomy, presented by the author ; 2 photographs of Perrine's Comet, presented by the Astronomer Royal and 4 photographs presented by R. C. Johnson ; portrait of John Goodricke, presented by W. T. Lynn ; 3 photographs of Presidents of the Society, presented by W. H. Wesley.

Sur la Précision des Mesures Photographiques : Réponse à deux Notes de M. H. C. Plummer. Par M. Loewy.

Dans les *Monthly Notices*, vol. lxi., Supplementary Number, p. 618–628 et vol. lxii., No. 7 (1902 May), p. 506–516, M. Plummer formule des critiques nombreuses sur les conclusions auxquelles je suis parvenu dans mes mémoires relatifs à la précision des coordonnées des astres obtenues à l'aide des mesures effectuées sur leurs images photographiées.

Le dernier numéro (1902 May) ne m'étant parvenu que dans le courant du mois de Juin dernier, il m'a été impossible de présenter à la Société royale Astronomique, dans sa séance de Juin, la réponse que je dois opposer aux allégations de M. H. C. Plummer, allégations qui, je n'hésite pas à le dire, étonneront les astronomes qui ont fait des applications rationnelles de la méthode des moindres carrés.

On peut classer les critiques de M. Plummer en deux catégories : les unes reposent sur des interprétations erronées